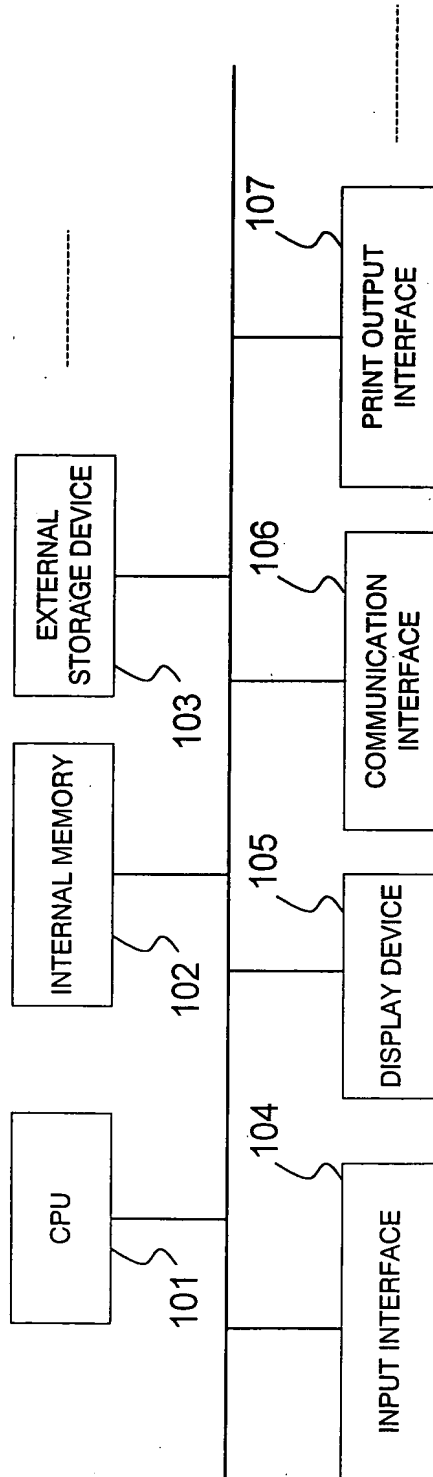


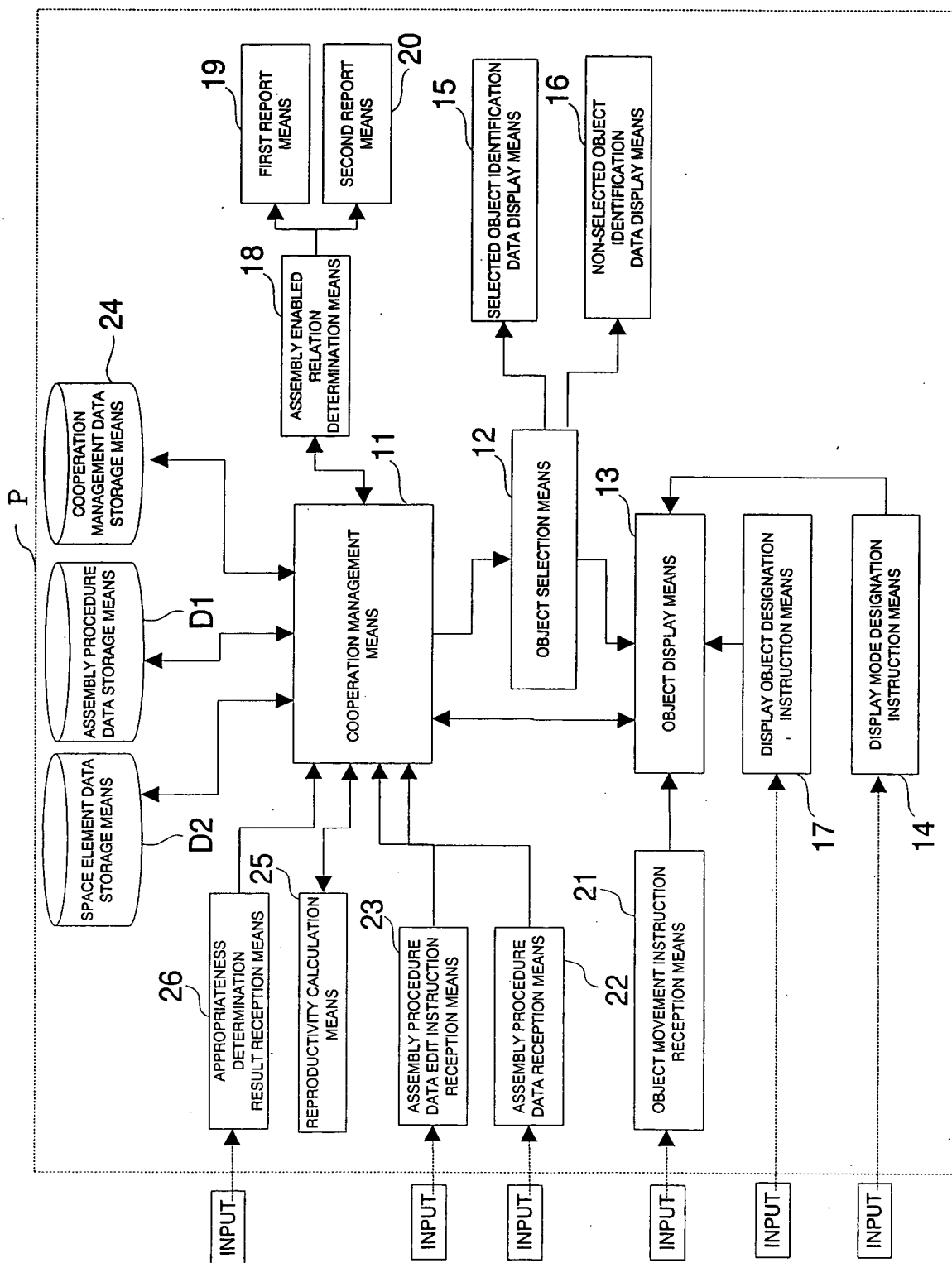
1/27

Fig.1



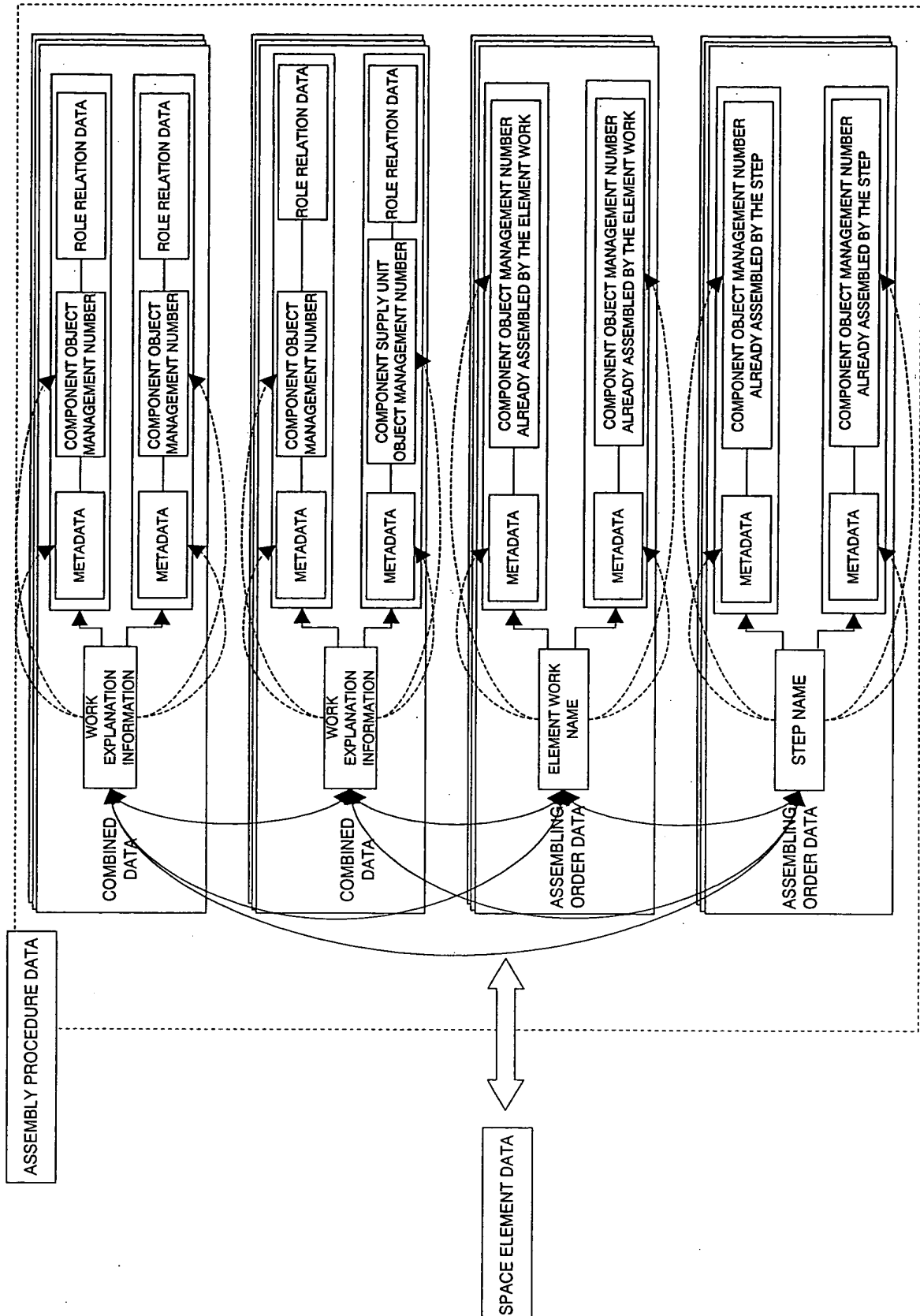
2/27

Fig.2



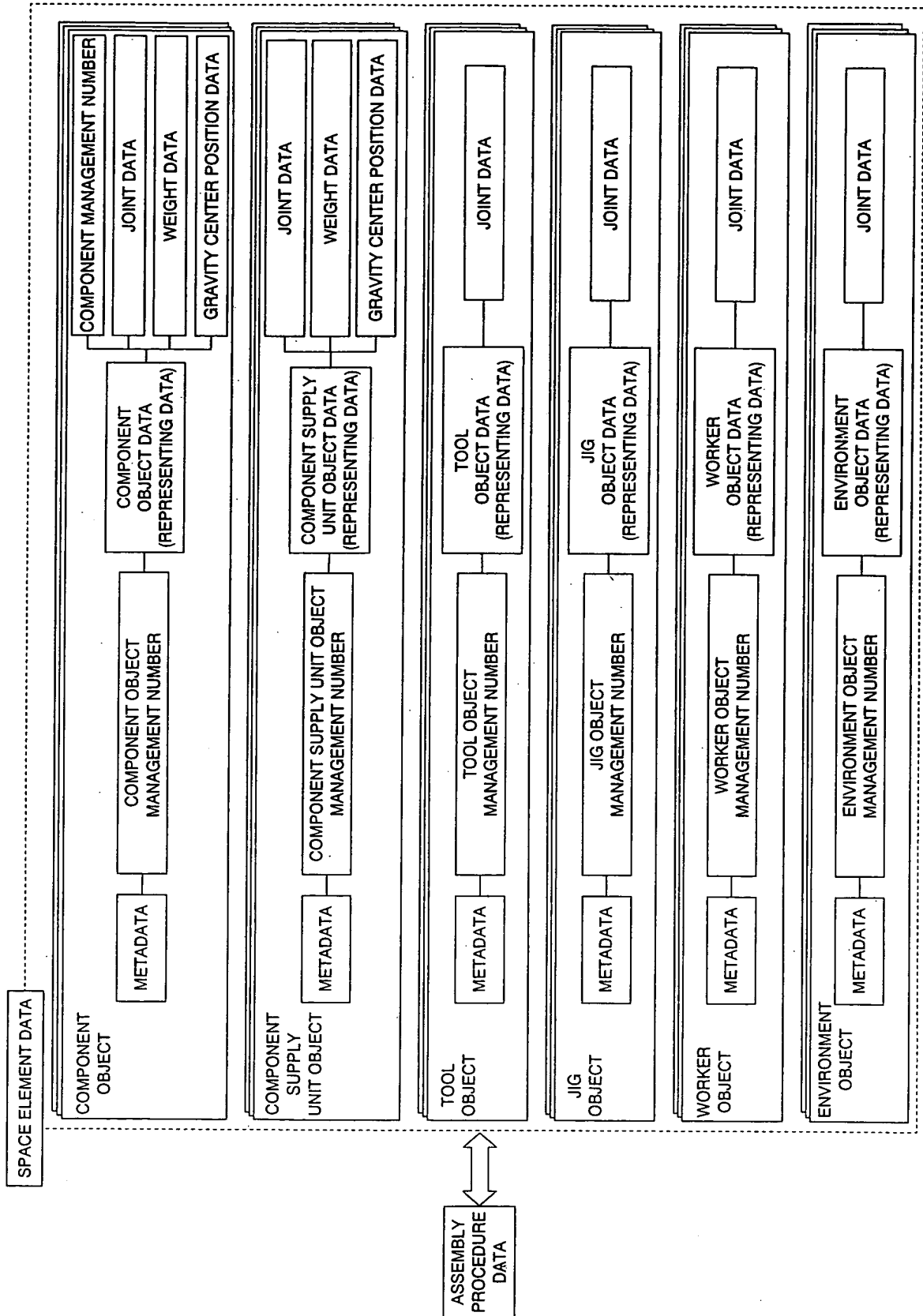
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Fig.3



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Fig.4



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Fig.5

| DATA RELATED TO THE COMPONENT | | | DATA RELATED TO THE OTHER COMPONENT | ASSEMBLY PROCEDURE DATA | |
|--------------------------------------|--------------|---|--|--|---|
| COMPONENT OBJECT IDENTIFICATION DATA | | COMPONENT IDENTIFICATION DATA | METADATA OF THE OTHER ASSEMBLY ENABLED COMPONENT | ROLE RELATION DATA | ELEMENT WORK NAME OF ELEMENT WORK WHEREBY ONE COMPONENT AND THE OTHER COMPONENT ARE ALREADY ASSEMBLED |
| COMPONENT OBJECT MANAGEMENT NUMBER | METADATA | COMPONENT NUMBER OF COMPONENT IN REAL SPACE | | RELATION OF ONE COMPONENT TO THE OTHER COMPONENT DURING ASSEMBLY | |
| A 0 0 1 | Bnet | a 0 0 1 | AIRCLN | COVERING SIDE | P 1 |
| | | | HAIH | COVERING SIDE | P 2 |
| | | | CAIH | COVERING SIDE | P 3 |
| A 0 0 2 | FRONT BRKLMP | a 0 0 2 | BOX FOR FRONT BRKLMP | SIDE OF BEING COVERED | P 4 |
| | | | BLT5 FOR FRONT BRKLMP | SIDE OF BEING COVERED | P 4 |
| | | | W FOR FRONT BRKLMP | SIDE OF BEING COVERED | P 4 |
| | | | | | |

NOTE

| METADATA | FORMAL NAME OF COMPONENT |
|-----------------------|----------------------------------|
| BNET | BONNET |
| AIRCLN | AIR CLEANER |
| HAIH | HOT AIR INTAKE HOSE |
| CAIH | COOL AIR INTAKE HOSE |
| FRONT BRKLMP | FRONT BRAKE LAMP |
| BOX FOR FRONT BRKLMP | HOUSING BOX FOR FRONT BRAKE LAMP |
| BLT5 FOR FRONT BRKLMP | M5 BOLT FOR FRONT BRAKE LAMP |
| W FOR FRONT BRKLMP | WASHER FOR FRONT BRAKE LAMP |

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Fig.6

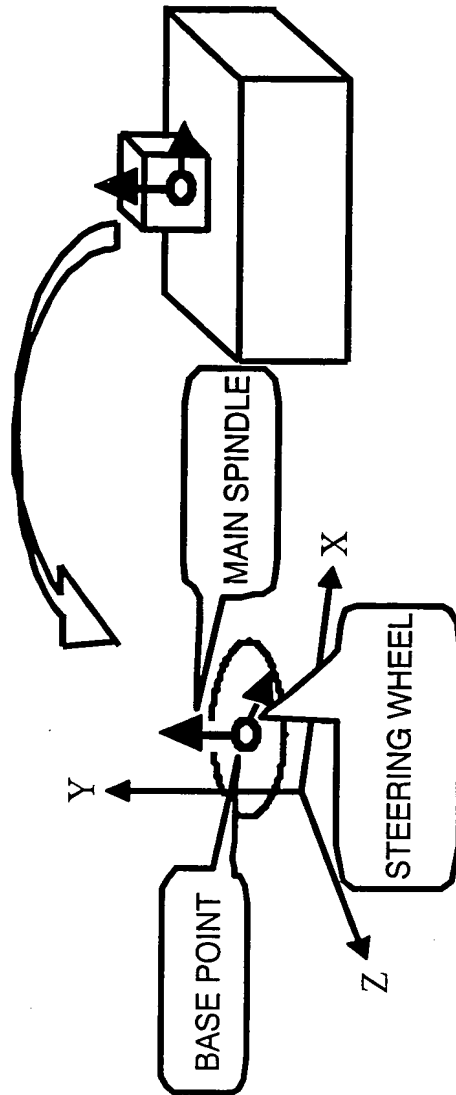


Fig.7

| ELEMENT WORK NAME | COMPONENT OBJECT MANAGEMENT NUMBER OF COMPONENT ALREADY ASSEMBLED BY ELEMENT WORK | | | | |
|----------------------|--|---------|---------|---------|---------|
| | A 0 0 1 | A 0 0 2 | | | |
| P 1 | A 0 0 1 | A 0 0 2 | | | |
| P 2 | A 0 0 1 | A 0 0 2 | A 0 0 3 | | |
| P 3 | A 0 0 1 | A 0 0 2 | A 0 0 3 | A 0 0 4 | |
| P 4 | A 0 0 1 | A 0 0 2 | A 0 0 3 | A 0 0 4 | A 0 0 5 |
| P 5 | B 0 0 1 | B 0 0 2 | | | |
| P 6 | B 0 0 1 | B 0 0 2 | B 0 0 3 | | |
| P 7 | B 0 0 1 | B 0 0 2 | B 0 0 3 | B 0 0 4 | |
| P 8 | B 0 0 1 | B 0 0 2 | B 0 0 3 | B 0 0 4 | B 0 0 5 |
| . | . | . | . | . | . |
| . | . | . | . | . | . |
| . | . | . | . | . | . |

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Fig.8

| STEP NAME | COMPONENT OBJECT MANAGEMENT NUMBER OF COMPONENT ALREADY ASSEMBLED IN THE STEP | | | | | |
|-----------|---|------|------|------|------|------|
| K1 | A001 | A002 | A003 | A004 | | |
| K2 | A001 | A002 | A003 | A004 | A005 | |
| K3 | B001 | B002 | B003 | | | |
| K4 | B001 | B002 | B003 | B004 | B005 | B006 |
| K5 | C001 | C002 | C003 | C004 | | |
| K6 | C001 | C002 | C003 | C004 | C005 | C006 |
| . | . | . | . | . | . | . |

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Fig.9

| COMPONENT OBJECT MANAGEMENT NUMBER | METADATA | COMPONENT OBJECT DATA(REPRESENTING DATA) | JOINT DATA | MASS DATA | GRAVITY CENTER POSITION DATA | COMPONENT NUMBER |
|---------------------------------------|----------|---|------------|-----------|---------------------------------|---------------------|
| A 0 0 1 | | | | | | a 0 0 1 |
| A 0 0 2 | | | | | | a 0 0 2 |
| A 0 0 3 | | | | | | a 0 0 3 |
| A 0 0 4 | | | | | | a 0 0 4 |
| A 0 0 5 | | | | | | a 0 0 5 |
| A 0 0 6 | | | | | | a 0 0 6 |
| . | . | . | . | . | . | . |
| . | . | . | . | . | . | . |
| . | . | . | . | . | . | . |

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Fig.10

| COMPONENT SUPPLY UNIT OBJECT MANAGEMENT NUMBER | METADATA | COMPONENT SUPPLY UNIT OBJECT DATA(REPRESENTING DATA) | JOINT DATA | MASS DATA | GRAVITY CENTER POSITION DATA |
|---|----------|---|------------|-----------|---------------------------------|
| BKT001 | | | | | |
| BKT002 | | | | | |
| BKT003 | | | | | |
| BKT004 | | | | | |
| BKT005 | | | | | |
| BKT006 | | | | | |
| BKT007 | | | | | |
| BKT008 | | | | | |
| . | . | . | . | . | . |

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Fig.11

| COMPONENT SUPPLY UNIT OBJECT MANAGEMENT NUMBER | METADATA | COMPONENT NUMBER OF COMPONENT SUPPLY UNIT IN REAL SPACE | COMPONENT OBJECT MANAGEMENT NUMBER WHICH CAN BE HELD |
|---|----------|---|--|
| BKT001 | PLT1 | bkt001 | A001 |
| | | | A002 |
| | | | A003 |
| | | | A004 |
| | | | A005 |
| BKT002 | PLT2 | bkt002 | A001 |
| | | | A002 |
| | | | A003 |
| | | | |

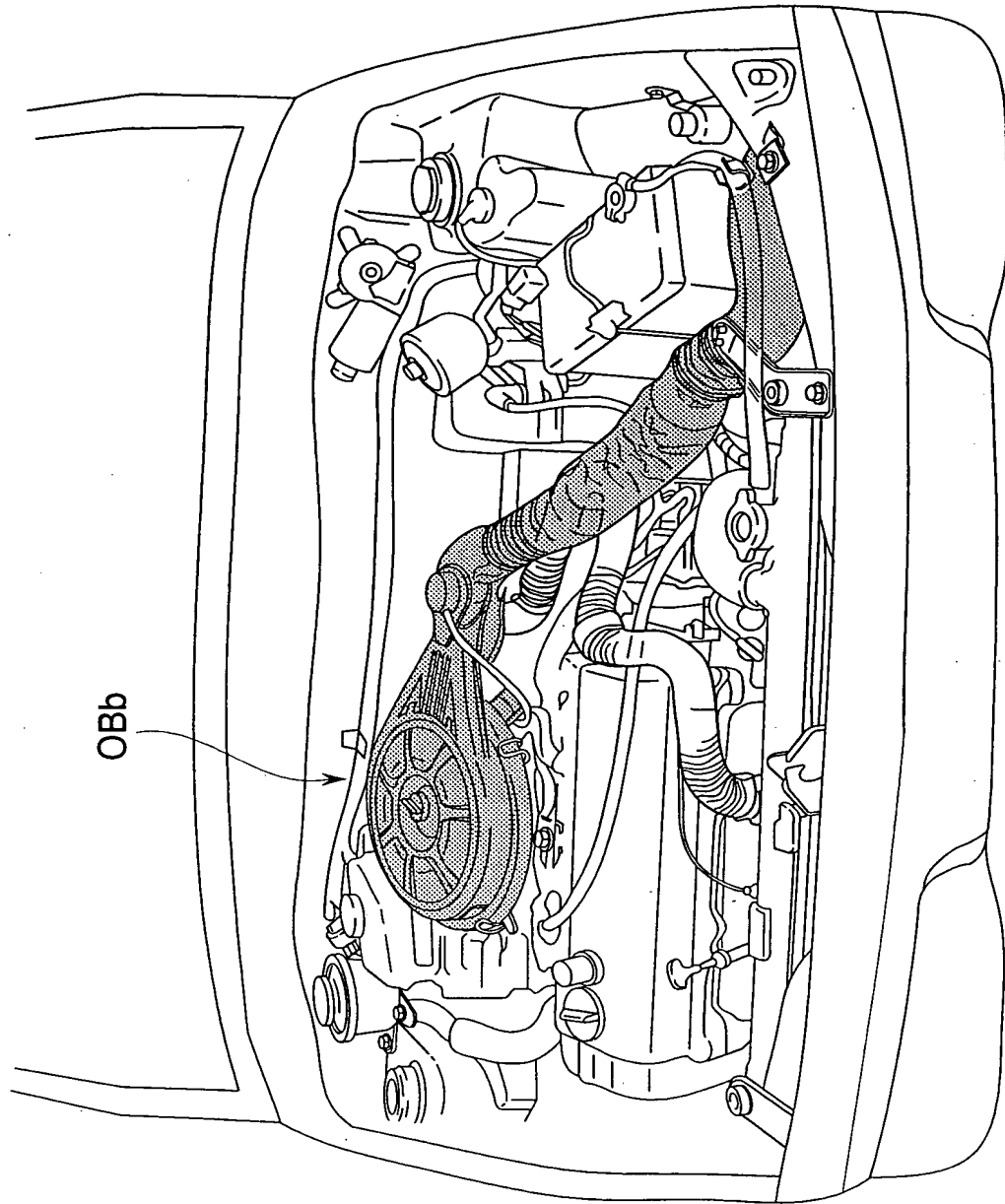
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Fig.12

| COMPONENT OBJECT MANAGEMENT NUMBER | METADATA | COMPONENT NUMBER OF COMPONENT IN REAL SPACE | COMPONENT OBJECT MANAGEMENT NUMBER OF ASSEMBLY ENABLED COMPONENT |
|---------------------------------------|-------------|--|---|
| A 0 0 1 | B R K | a 0 0 1 | B 0 0 1 |
| | | | B 0 0 2 |
| | | | B 0 0 3 |
| A 0 0 2 | B R K L M P | a 0 0 2 | B 0 0 4 |
| | | | B 0 0 5 |
| | | | B 0 0 6 |
| . | . | . | . |

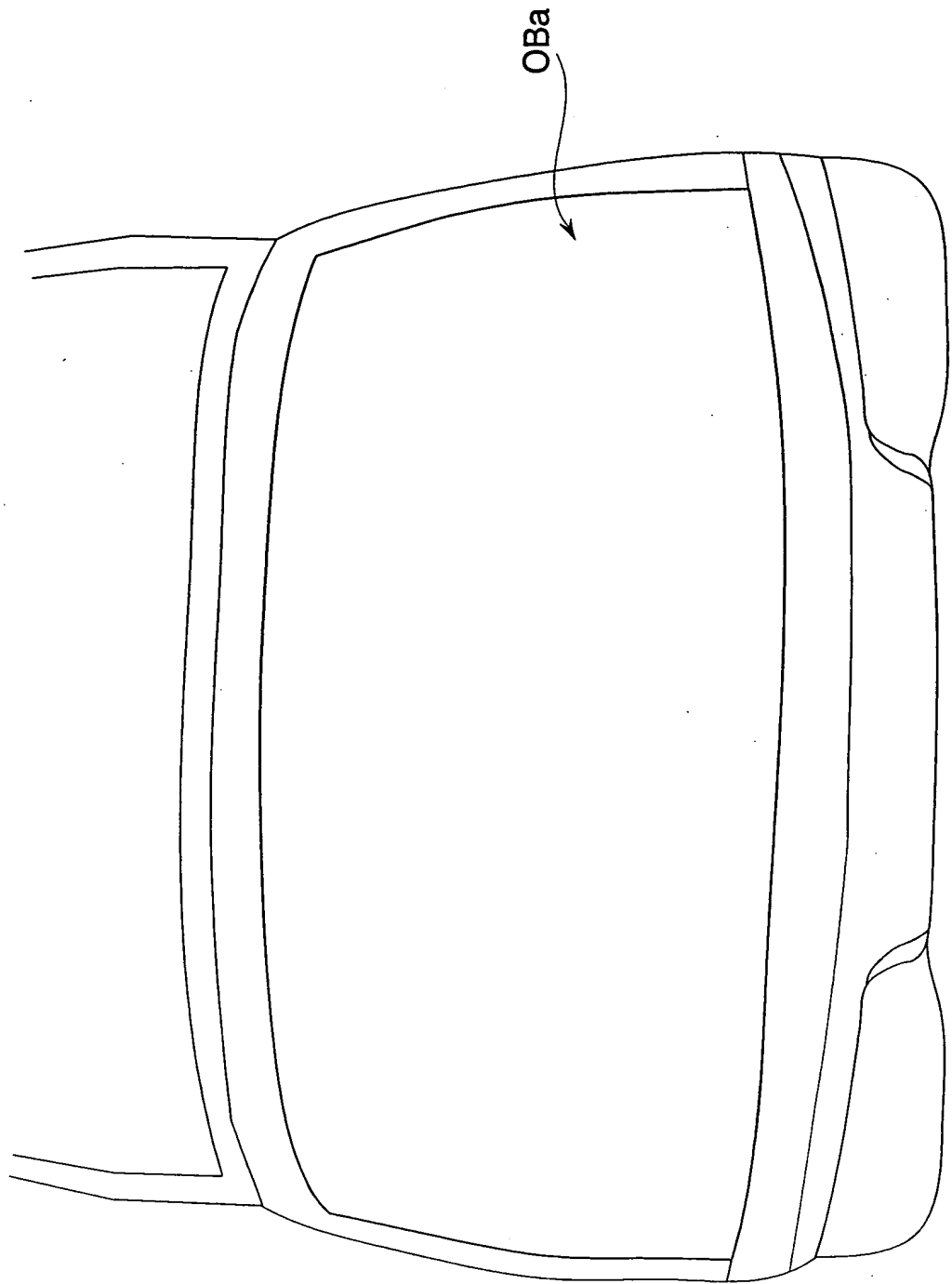
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Fig.13



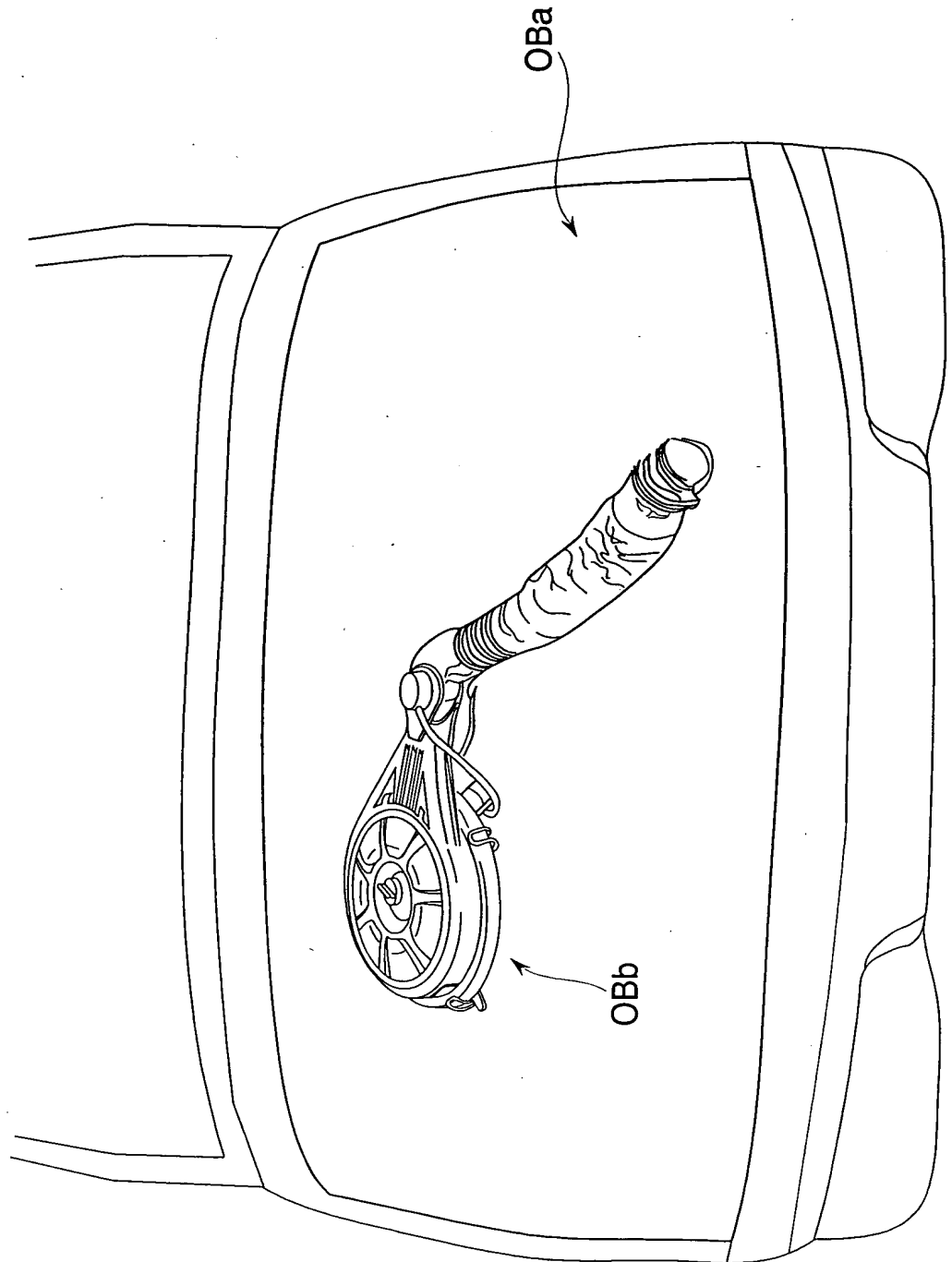
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Fig.14



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Fig.15



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Fig.17

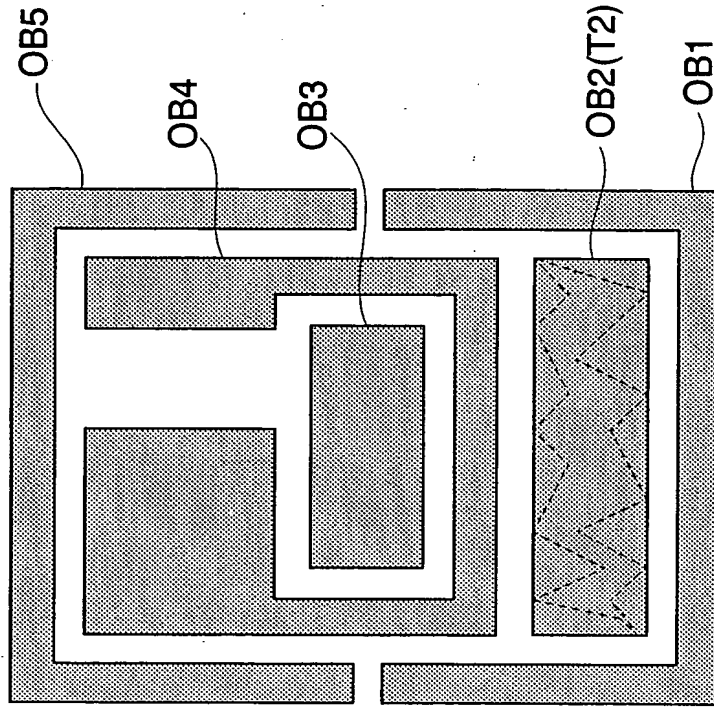
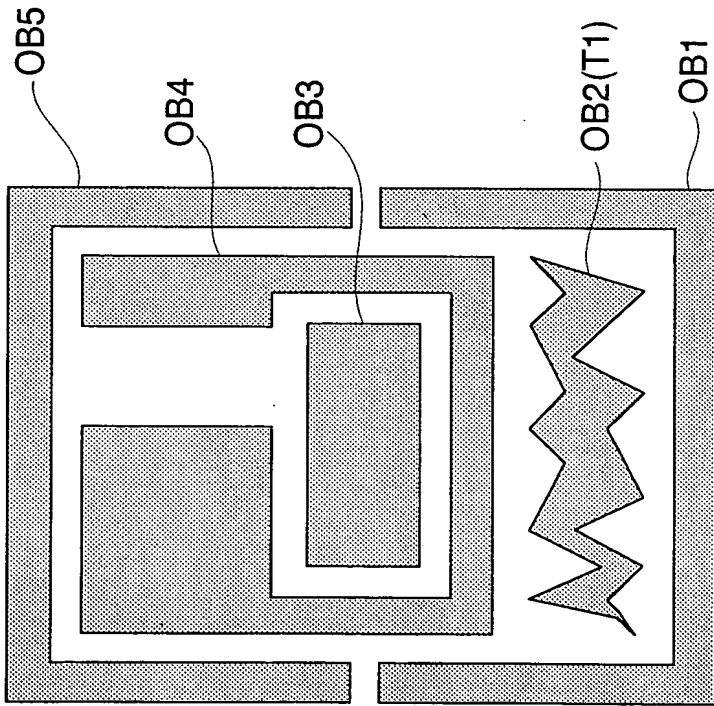
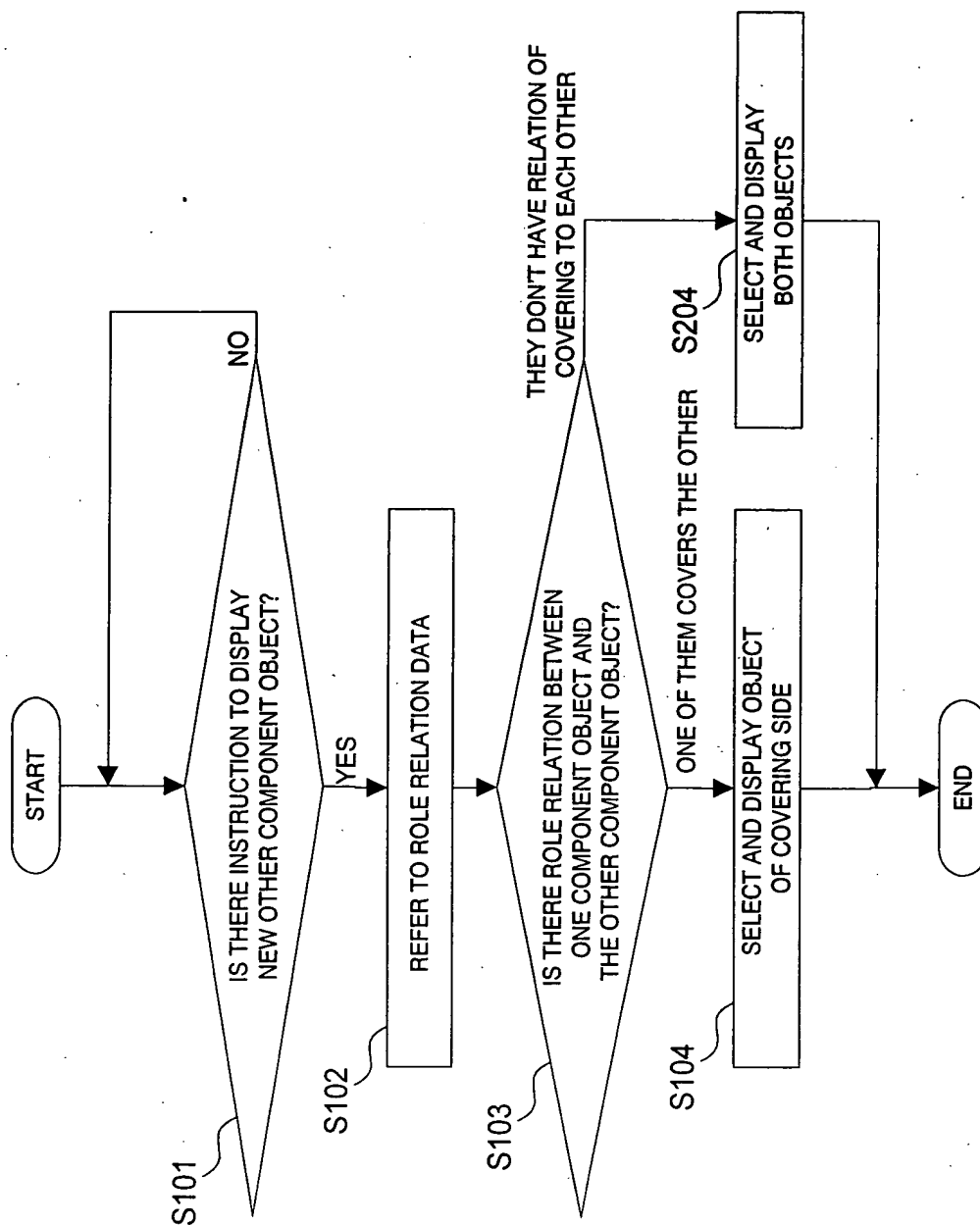


Fig.16



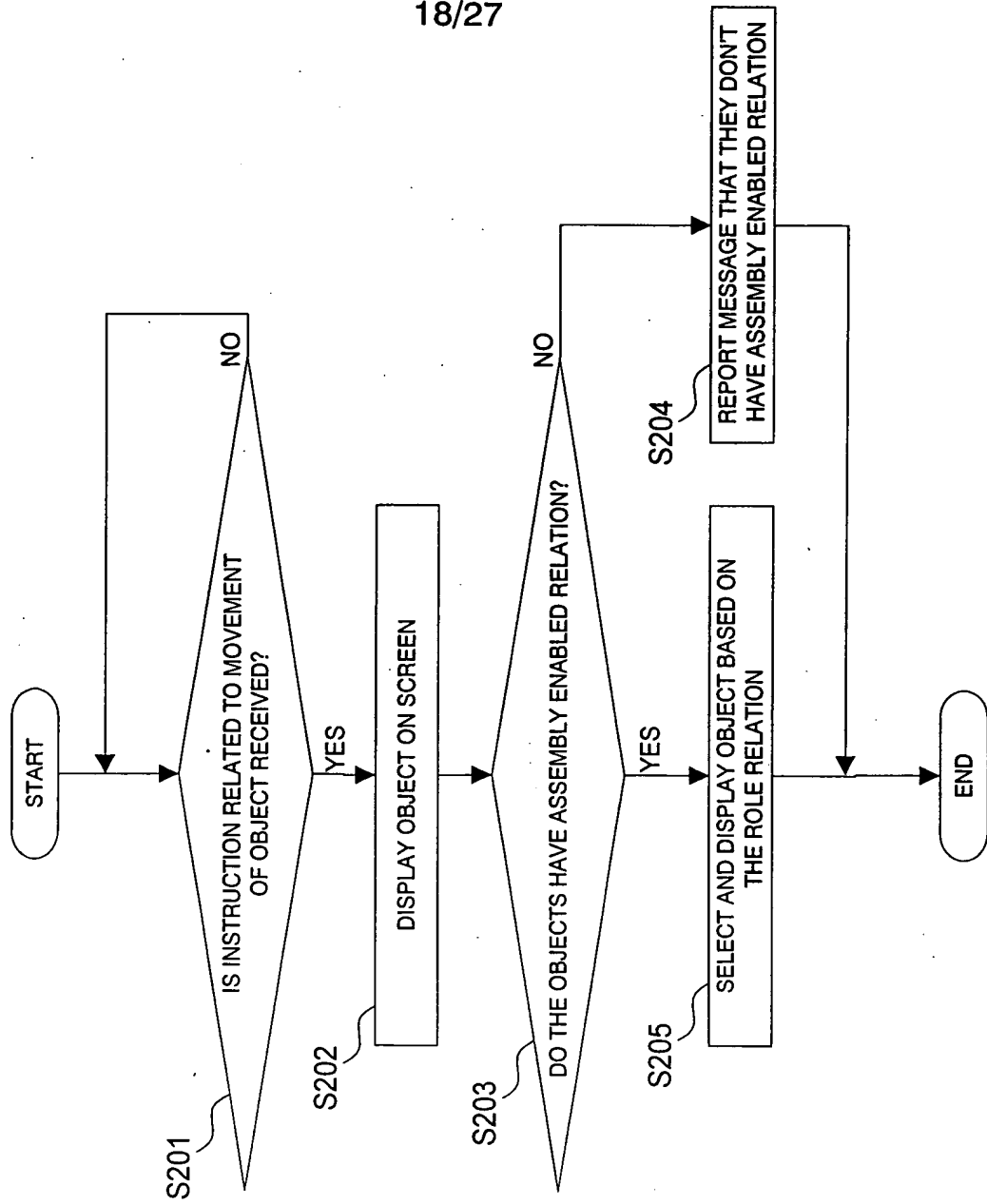
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Fig.18



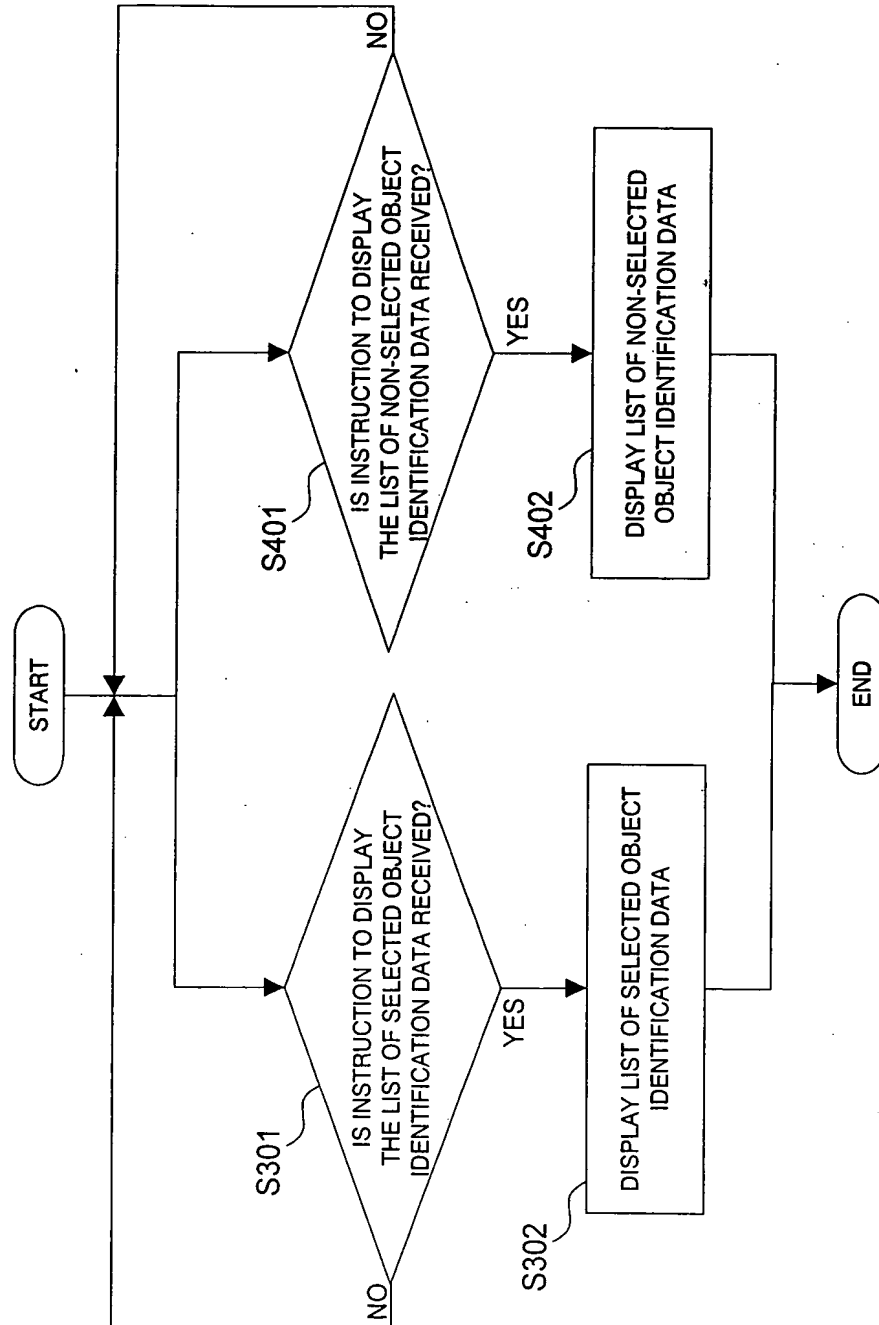
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Fig.19



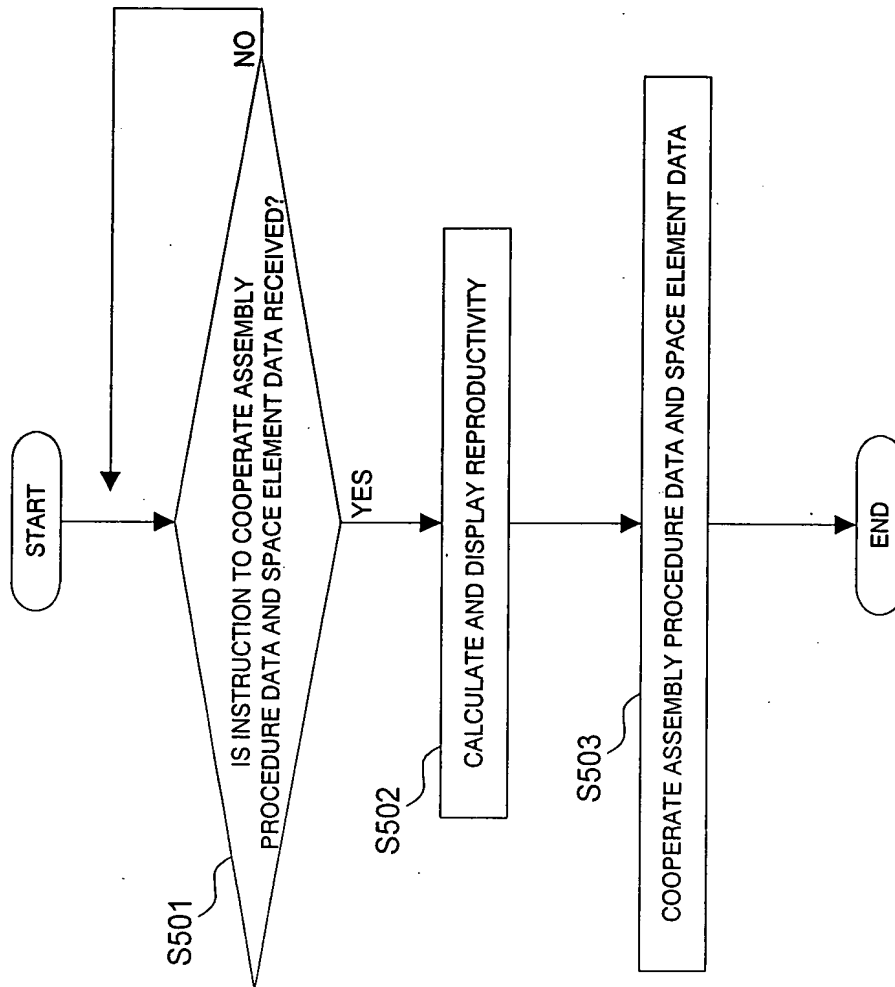
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Fig.20



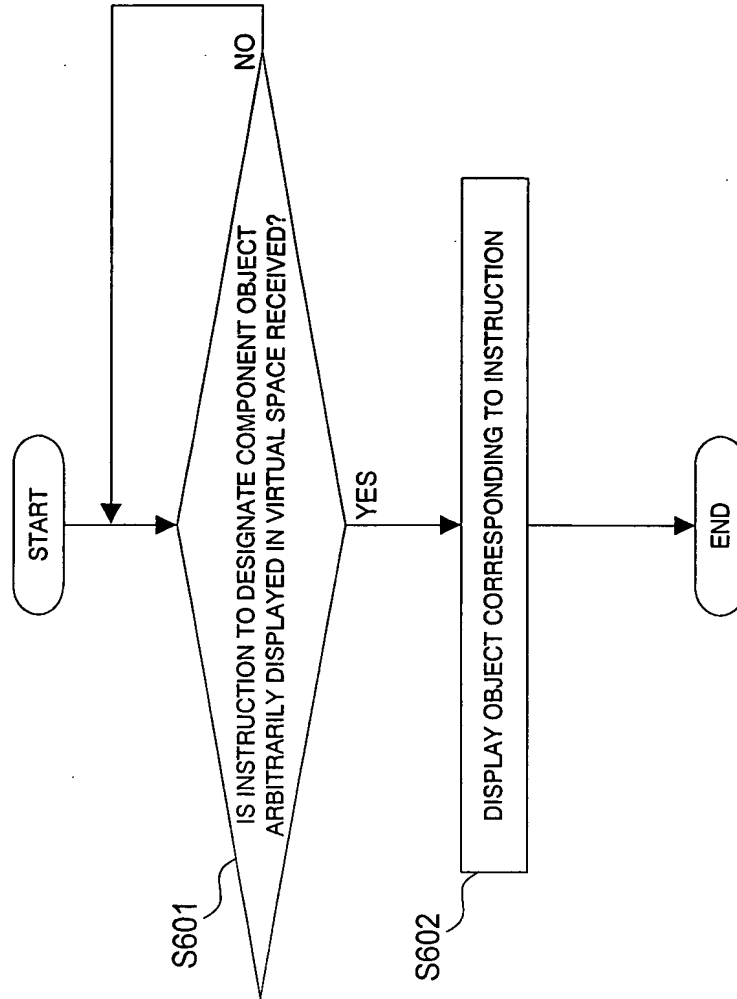
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Fig.21



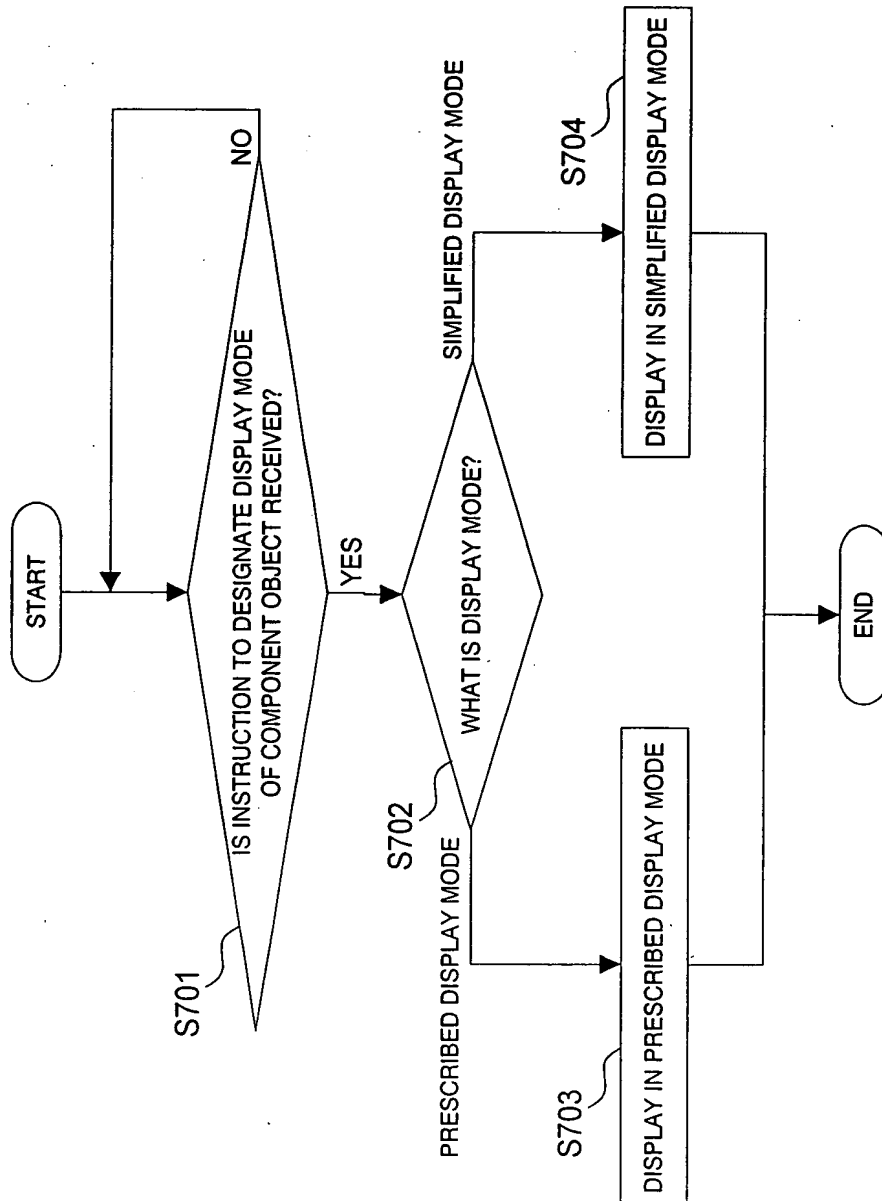
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Fig.22



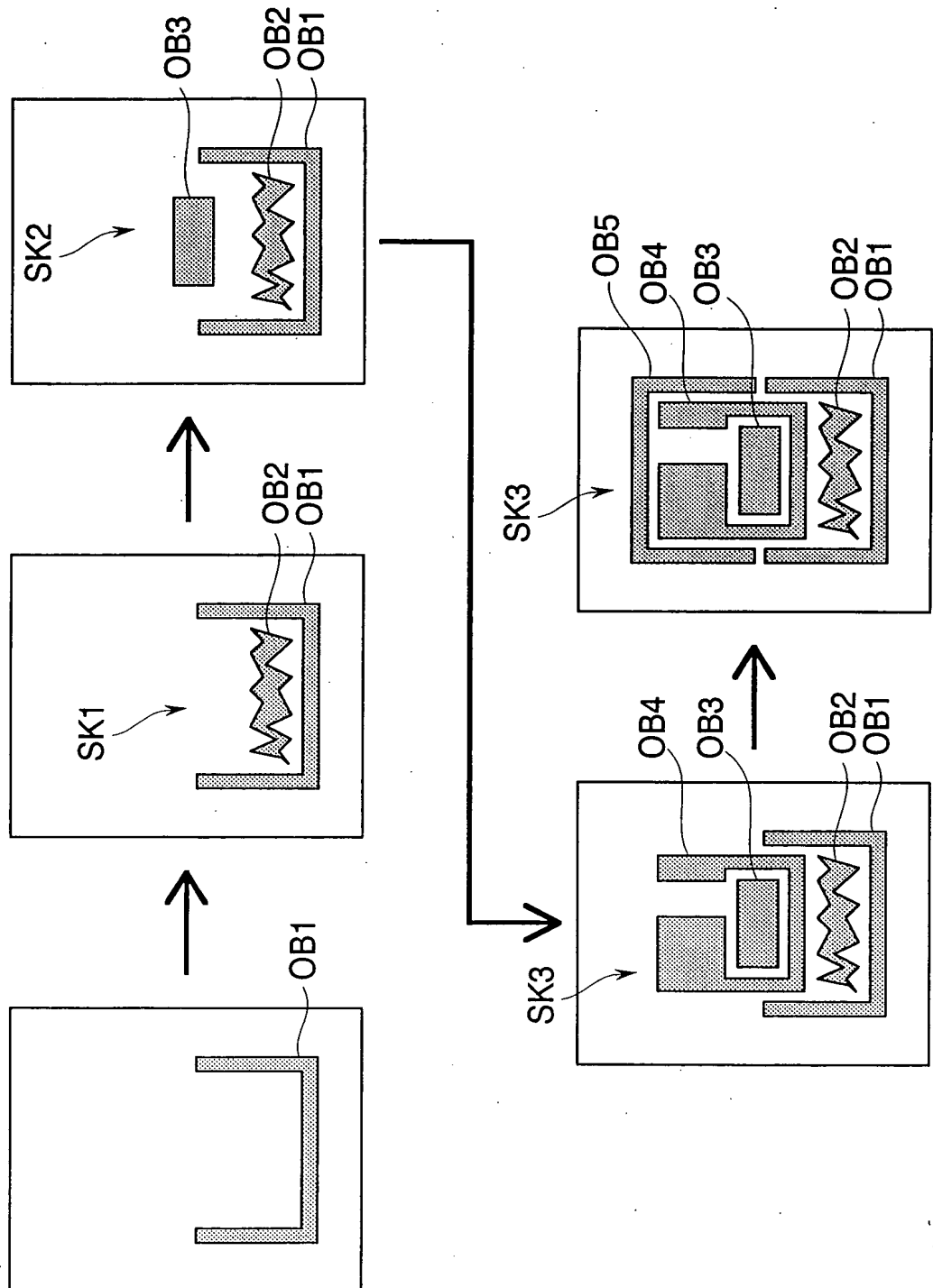
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Fig.23



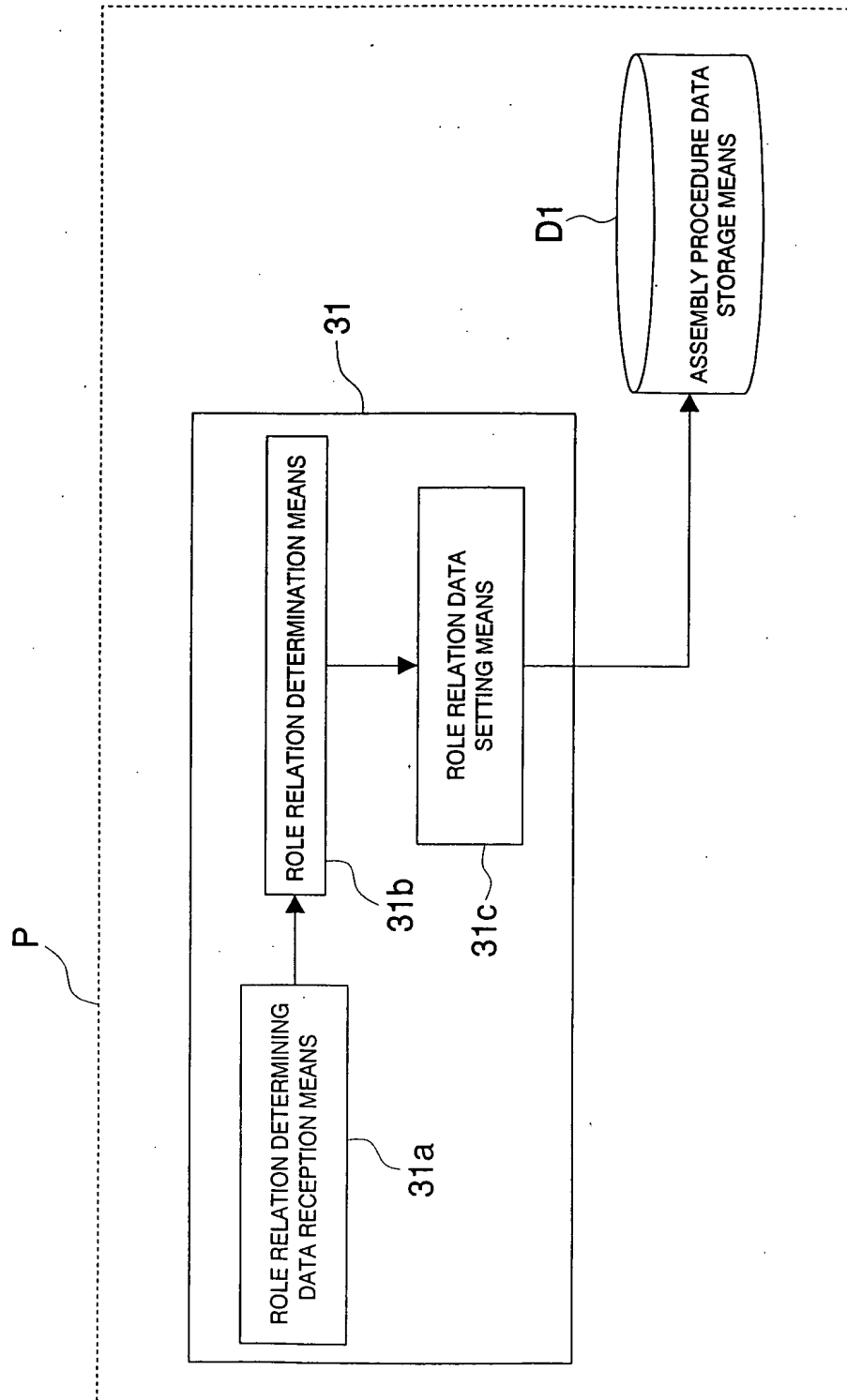
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Fig.24



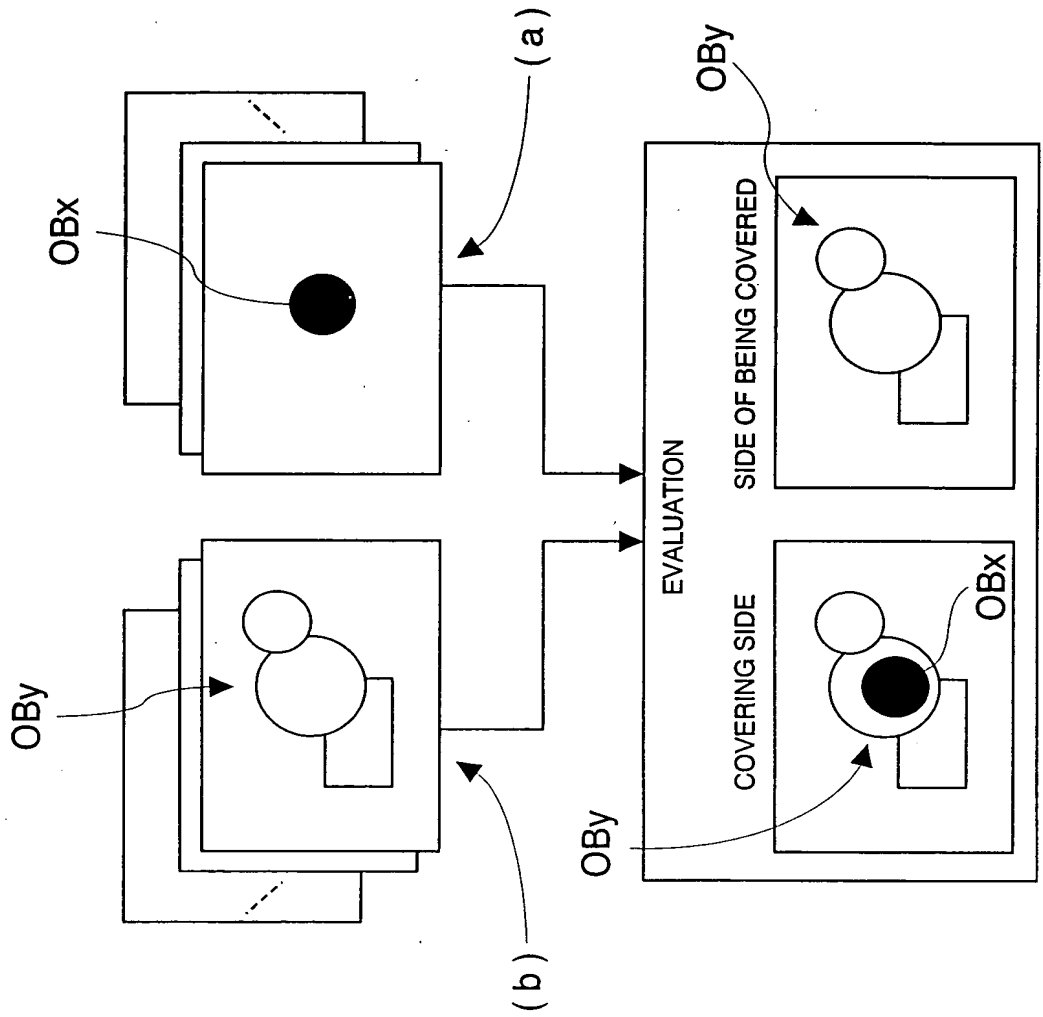
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Fig.25



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Fig.26



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Fig.27

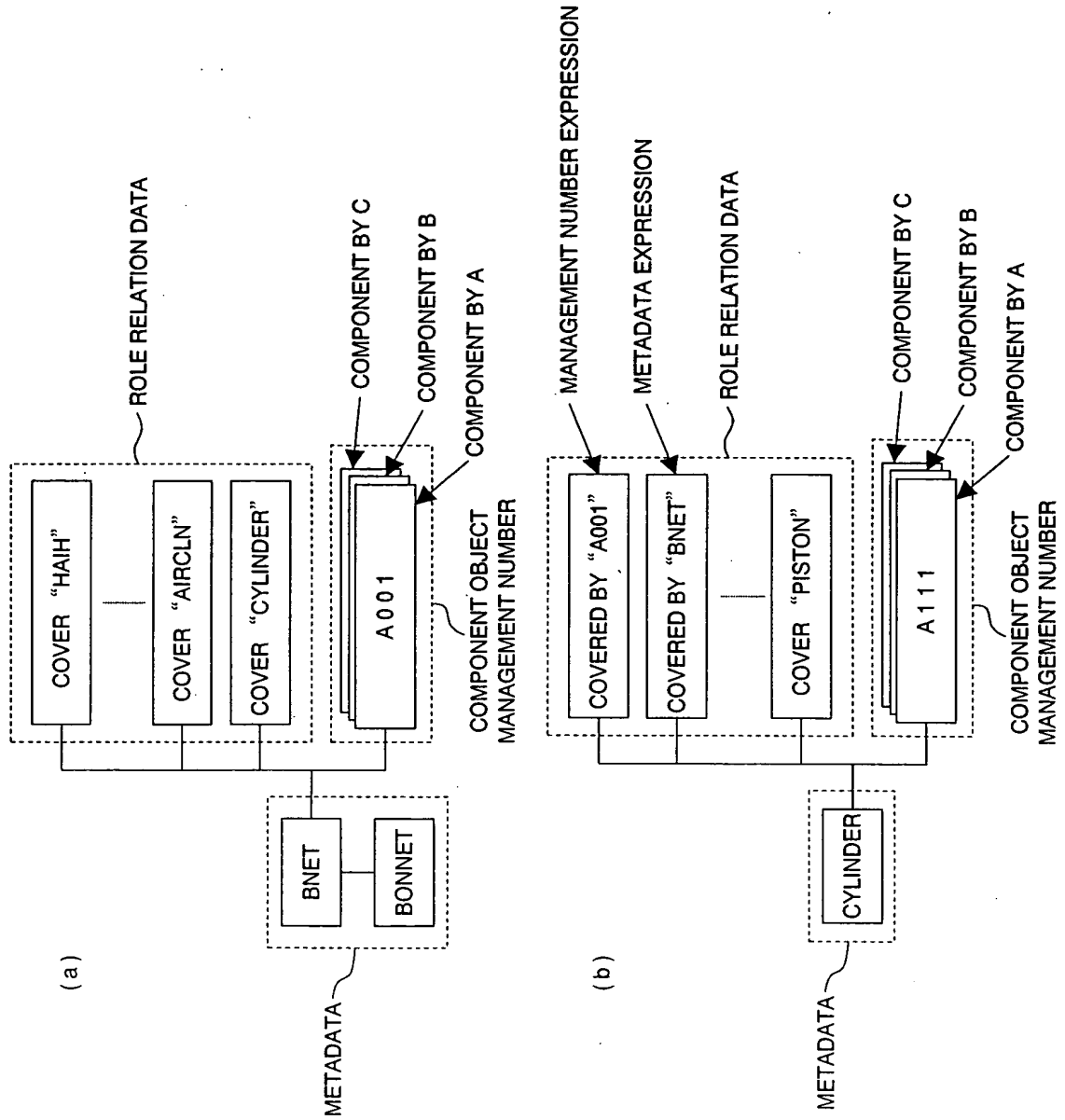


Fig.28

